

**IN THE CLAIMS:**

1. (Currently Amended) An isolated polypeptide ~~corresponding to~~consisting essentially of an N-terminal fragment of human cardiac troponin I ~~consisting of~~having about 95 to about 115 amino acids.
2. (Cancelled) The troponin I fragment of Claim 1 which has an intact, native cardiac troponin I N-terminus.
3. (Currently Amended) The troponin I fragment of Claim 2 having represented by SEQ ID NO:2.
4. (Withdrawn) The polynucleotide sequence of a troponin I fragment as set forth in SEQ ID NO:2.
5. (Withdrawn) A replicable cloning or expression vehicle comprising a polynucleotide sequence coding for the polypeptide set forth in SEQ ID NO:2.
6. (Withdrawn) A host cell transformed with the vehicle of claim 5.
7. (Withdrawn) The host cell of claim 6 which is an *E. coli* host cell.
8. (Withdrawn) The *E. coli* cell of claim 7 having the ATCC number 98824.
9. (Currently Amended) An isolated polypeptide consiting essentially of a fragment of human cardiac troponin I wherein the N-terminus of the fragment is A troponin I fragment of Claim 1 comprising a sequence from about amino acid 20 to about 30, to and the C-terminus of the fragment is about amino acid 95 to about 115 of native human cardiac troponin I.

10. (Withdrawn) A method of preparing antibodies that recognize a stable, in-vivo-occurring fragment of troponin I by using a troponin I fragment of claim 1 as an immunogen.

11. (Withdrawn) A method of purifying anti-troponin I antibodies that recognized a stable, in-vivo-occurring fragment of troponin I by using the troponin I fragment of claim 1 as a reagent for affinity purification.

12. (Withdrawn) Calibrators and controls for a troponin I immunoassay comprising a polypeptide of claim 1.

13. (Withdrawn) The calibrators and controls of claim 12 as shown in SEQ ID NO:2.

14. (Withdrawn) A method for the immunodetection of human cardiac troponin I in a bodily fluid utilizing an antibody which is raised against the polypeptide of claim 1.

15. (Withdrawn) A kit for the immunodetection of human cardiac troponin I in a sample of bodily fluid comprising:

- (a) an antibody which is raised against the polypeptide of claim 1;
- (b) means for determining the extent of interaction of said antibody with troponin I in said sample.

16. (New) An isolated polypeptide depicted in SEQ ID NO:2.